MEASUREMENT BOOK

etc. of work	Dimensions				Contents
	Number 3	Length 4	Breadth 5	Depth 6	7

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249560

From..... To.....

Name of Agency ..... Sri K. Anil Kumar .....

Name of work .....

Name etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
Name of Work:- Construction of RCC drain at 9th ~~cross~~ main Road Sapthagiri layout in ward no 09 (vidyaranyapura) vidyaranyapura sub division.						
Code No:- 009-18-000027						
Work order No:- BBMP/EE/BTP/NO/189/2018-19. Dated 14-12-2018						
Estimated cost:- 25.00 Lakhs.						
Approved tender price:- 2173805.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Remarks
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item 1	Earthwork excavation by manual means in ordinary soil involving on average horizontal lifts upto 2m and on average lift upto 0.5m excavated surface levelled and sides neatly dressed. The disposed earth to be levelled neatly after breaking of clods etc complete as per specification and direction of engineer incharge of work						
	pre measurment recorded genuinity vide page no 249567, 249567/1 of this MB					382.00 cum	
						Rate at Rs 175.00/cum	66850 = 0

M. A. R.
Measu

..... From.....

..... of nature of Agency .....

..... of work .....

Description, etc, of work	Number
2	3
...ring and laying ...m poss...	
...g with opc cement a...	
...ed granite metal ...	
...ne aggregate at 0.57 cum	
...ed in layers not exceed...	
...foundation and plinth ...	
...ch. Hire of machinery ...	
...pre measurment recorded q...	
249568/1 of this MB	

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7
manual means in ordinary soil				
zontal lines upto 2m and on				
excavated surface levelled and				
disposed earth to be levelled				
f cloods ete complete as per speci				
f engineer incharge of work				
d Quantity vide page no				
MB				382.00 cum
Rate at Rs 175.00/cum				66850=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249561

..... From..... To.....

..... nature of Agency .....

..... name of work .....

Description, etc, of work	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Providing and laying in position plain cement concrete of						
ratio 1:4:8 with opc cement at 150 Kgs. with 40mm down						
graded granite metal coarse aggrigate at 0.85cum						
fine aggrigate at 0.57 cum machine mixed concrete						
laid in layers not exceeding 15cms. thick well compacted						
foundation and plinth including cost of all materials						
with use of machinery complete as per specification.						
For measurement recorded quantity vide page no 249568,					57.30 cum	
Number 1 of this MB						
Rate at Rs 4500.00/cum						257850=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item 3	providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC) for RCC works laid in 15cms. thick layers and well compact vibrating. curing. finishing with necessary cement mortar form works and scaffoldings to with stand pumping of concrete with all leads and lifts etc complete (exclusive of cost of steel and fabrication charges) Ready mix concrete M-25						
	For drain bottom						
	6th Cross E/S	1	30.00	0.90	0.15	4.05	
		1	22.00	0.90	0.15	2.97	
	7th Cross E/S	1	20.00	0.90	0.15	2.70	
		1	30.00	0.90	0.15	4.05	
		1	25.50	0.90	0.15	3.44	
						17.21	

ASUREMENT BOOK

	Dimensions			Contents
	Number 3	Length 4	Breadth 5	Depth 6	7
cement concrete using 20mm and of ready mixed concrete (RMC) kchs. thick layers and well compact king with necessary cement mortar ngth to withstand pumping of and lift etc complete (exclusive of om charges) Ready mix concrete M-20				
	1	30.00	0.90	0.15	4.05
	1	22.00	0.90	0.15	2.97
	1	20.00	0.90	0.15	2.70
	1	30.00	0.90	0.15	4.05
	1	25.50	0.90	0.15	3.44
					17.21

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249562

..... From..... To.....

..... Nature of Agency .....

..... Name of work .....

Description, etc, of work	Dimensions				Contents 17.21	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	1	30.00	0.90	0.15	4.05	
	1	26.00	0.90	0.15	3.51	
	1	30.00	0.90	0.15	4.05	
	1	15.00	0.90	0.15	2.03	
	1	15.00	0.90	0.15	2.03	
~~Side walls~~						
8" main N/S	1	33.00	0.90	0.15	4.46	
	1	31.00	0.90	0.15	4.19	
9" main S/S	1	33.00	0.90	0.15	4.46	
	1	31.00	0.90	0.15	4.19	
	1	11.00	0.90	0.15	1.49	
					51.67.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents SV.67	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	For Side walls.	2	30.00	0.15	0.55	4.95	
		2	22.00	0.15	0.55	4.29	
		2	20.00	0.15	0.60	3.60	
		2	30.00	0.15	0.60	5.40	
		2	25.50	0.15	0.60	4.59	
		2	30.00	0.15	0.60	5.40	
		2	26.00	0.15	0.60	4.68	
		2	30.00	0.15	0.60	5.40	
		2	15.00	0.15	0.60	2.70	
		2	15.00	0.15	0.60	2.70	
						95.30	

M. A. R. 57
Measuren

From.....

Number 3 | Leng 4

Assistant Executive Engineer
Vijayaranyapura Sub Division
BBMP, Bangalore - 97

31/01/2019

EMENT BOOK

Dimensions			Contents
Length 4	Breadth 5	Depth 6	7
30.00	0.15	0.55	4.95
22.00	0.15	0.65	4.29
20.00	0.15	0.60	3.60
30.00	0.15	0.60	5.40
25.50	0.15	0.60	4.59
30.00	0.15	0.60	5.40
26.00	0.15	0.60	4.68
30.00	0.15	0.60	5.40
15.00	0.15	0.60	2.70
15.00	0.15	0.60	2.70
			95.30

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249563

..... From..... To.....

Nature of Agency .....

Name of work .....

Description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	95.30 7	8
	2	33.00	0.15	0.60	5.94	
	2	31.00	0.15	0.60	5.58	
	2	33.00	0.15	0.60	5.94	
	2	31.00	0.15	0.60	5.58	
	2	11.00	0.15	0.60	1.98	
				Total	120.37 cum	
				Quantity limited to	120.33 cum	
				Rate at Rs 5500.00/cum		661815=00

Assistant Executive Engineer
Vijayanyapura Sub Division
BBMP, Bangalore - 97

31/01/2019

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item A	providing TMT steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining member wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) Cost of materials, labour, Hire of machinery TMT bars FE 500 etc complete as per specification.						
	Pre measurment recorded Quantity vide page no 149569 $ 149569/1 of this MB					7.21 Tonne	
				Rate at Rs 55000.00/Tonne			396550.00

EASUREMENT BOOK

	Dimensions			Contents	
	Number 3	Length 4	Breadth 5	Depth 6	7
reinforcement for RCC works includ ing bending hooking placing in positio g wherever required tying with binding /e adjoining member wherever necess (laps, hooks and wastage shall not be of materials labour Hire of Machinery plete as per specification.					
ded Quantity vide page no 14956				7.21 Tonne	
Rate at Rs 55000.00/Tonne					396550

M. A. R. 57 (Rule 116)
Measurement Book

No. B
249564

..... From..... To.....

..... of Agency .....

..... of work .....

Description etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
...ing and removing centering Shuttering, drooping etc ...ment of Iron work for vertical Surface such as ... of any thickness. including attached pilasters ...ding plinth and string course etc of all materials ...ete complete as per Specifications.						
...measurement recorded Quantity vide page no ...ote. 1/0 of This MB.					916.80 Sqm	
Rate at Rs 300.00/ Sqm						275040=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item-6	providing precast slab of 100 mm thick including cost of all materials, labour, curing, transportation, loading unloading etc. complete as per specification.						
	6th Cross E/S	1	30.00	-	0.90	27.00	
		1	22.00	-	0.90	19.80	
		1	20.00	-	0.90	18.00	
	7th cross	1	30.00	-	0.90	27.00	
		1	25.50	-	0.90	22.95	
	8th cross	1	30.00	-	0.90	27.00	
		1	26.00	-	0.90	23.40	
		1	30.00	-	0.90	27.00	
		1	15.00	-	0.90	13.50	
						205.65	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

EASUREMENT BOOK

	Dimensions			Contents
	Number 3	Length 4	Breadth 5	Depth 6	7
ab of 100 mm thick including cost.					
nr curing transportation loading					
ete as per specification					
	1	30.00	-	0.90	27.00
	1	22.00	-	0.90	19.80
	1	20.00	-	0.90	18.00
	1	30.00	-	0.90	27.00
	1	25.50	-	0.90	22.95
	1	30.00	-	0.90	27.00
	1	26.00	-	0.90	23.40
	1	30.00	-	0.90	27.00
	1	15.00	-	0.90	13.50
					205.65

M. A. R. 57 (Rule 116)
Measurement Book

No. B 249565

..... From..... To.....

..... of nature of Agency .....

..... of work .....

...ription, etc, of work	Dimensions				Contents 205.65	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
...rain N/S C4FC	1	15.00	-	0.90	13.50	
	1	33.00	-	0.90	29.70	
	1	31.00	-	0.90	27.90	
...rain S/S C4FC	1	33.00	-	0.90	29.70	
	1	31.00	-	0.90	27.90	
	1	11.00	-	0.90	9.90	
					344.25 sqm	
					343.80 sqm	
		Quantity limited to				
		Rate at Rs 1500.00/sqm				515700.00
				TOTAL BILL AMOUNT		2173805=00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

AE 10.09 31/01/19

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
	Certificate * contractor clear all debries from work spot * contractor has no due pertaining to the bump work * contractor has carried his own mans & machineries for work * work has done satisfactorily					

14.00
31-10-09

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	1st and Final Bill						
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 21,73,805-00						
	ಗಳ ಪಾಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ. 125988-						
	ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 20,47,817-00						
	Rs. Twenty Lakh forty-seven Thousand Eight Hundred Seventeen only.						
	ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ						
	ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 11/03						
	ಸಹಾಯಕ ಅಭಿಯಂತರರು ಕಾ.ನಿ.ಪ. 11/03						
	ಕಾ.ನಿ.ಪ. 11/03						
						Total Rs: 21,73,805-	00
						IT - 21738-	00
						Cess - 21738-	00
						CBF - 2174-	00
						LR 41520-	00
						CGST - 19409-	00
						SGST - 19409-	00
						Adj 125988-	00
						Cheque 20,47,817-	